

PTO/SB/82 (08-03)

Approved for use through 11/30/2005. OMB 0451-0035
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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REVOCATION OF POWER OF ATTORNEY and APPOINTMENT OF NEW POWER OF ATTORNEY

Application Number	09/976,499
Filing Date	October 12, 2001
First Named Inventor	Bidyut Parruck, et al
Art Unit	2661
Examiner Name	
Attorney Docket	15051

I hereby revoke all previous powers of attorney given in the above-identified application:

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number:

000293

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with
 Customer Number:

OR

000293

<input type="checkbox"/> Firm or Individual Name				
Address				
Address				
City				
Country		State		ZIP
Telephone		Fax		

I am the:

☐ Applicant/Inventor

☒ Assignee of record of the entire interest. See 37 CFR 3.71
 Statement under 37CFR 3.73(b) is enclosed (Form PTO/SB/96)

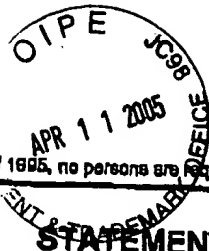
SIGNATURE of Applicant or Assignee of Record

Name	Hojjat Salemi		
Signature	Hojjat Salemi		
Date	April 4/2005	Telephone	591-1950 ext. 145

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to procure) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1480, Alexandria, VA 22313-1480. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1480.



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Approved for use through 07/31/2006, OMB 0861-0031
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: BIDYUT PARRUCK, ET ALApplication No./Patent No.: 09/976,499Filed/Issue Date: October 12, 2001Entitled: USING AN EMBEDDED INDICATION OF EGRESS APPLICATION TYPE TO DETERMINE WHICH TYPE OF EGRESS PROCESSING TO PERFORMCortina Systems, Inc., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____ %

In the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., a true copy of the original assignment document (s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Hojjat Salemi

Signature

Hojjat Salemi

Printed or Typed Name

General Manager

Title

April 4/2005

Date

613-59-1950 ext. 145

Telephone number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 38 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1460, Alexandria, VA 22313-1460. DO NOT SEND FEES OR COMPLETE D FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

RECORDATION FORM COVER SHEET

PATENTS ONLY

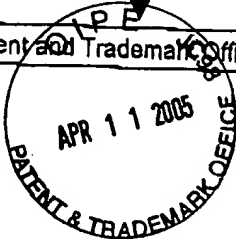
U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

COPY

Tab settings → → → ▼

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
AZANDA NETWORK DEVICES, INC.

2. Name and address of receiving party(ies):

Name: **CORTINA SYSTEMS, INC.**Address: **441 Logue Avenue**

Suite 150

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: **November 30, 2004**City: **Mountain View** State/Prov.: **California**Country: **U.S.A.** ZIP: **94043**

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

09/851,565

May 8, 2001

6,810,039

October 26, 2004

09/976,522

October 12, 2001

6,751,224

June 15, 2004

09/976,212

October 12, 2001

6,751,214

June 15, 2004

09/976,310

October 12, 2001

Additional numbers

☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Ralph A. Dowell**Registration No. **28,868**Address: **DOWELL & DOWELL, P.C.****2111 Eisenhower Avenue**

Suite 406

City: **Alexandria**State/Prov.: **Virginia**Country: **U.S.A.**ZIP: **22314**

6. Total number of applications and patents involved:

15

7. Total fee (37 CFR 3.41):.....\$ **600.00**☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

8. Deposit account number:

19-2550

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Ralph A. Dowell (Reg. No. 28,868)

Name of Person Signing

Signature

12

Date

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

Patent Application No.:	Filing Date:
09/976,499	October 12, 2001
09/976,213	October 12, 2001
09/976,504	October 12, 2001
09/976,206	October 12, 2001
10/670,904	September 25, 2003
09/539,306	March 30, 2000
10/869,378	June 14, 2004
10/869,379	June 15, 2004

PATENT ASSIGNMENT

November 30, 2004

WHEREAS, Azanda Network Devices, Inc., a Delaware corporation, having its principal place of business at 250 Santa Ana Court, Sunnyvale, California 94085 ("**Assignor**") is an owner of the patents and patent applications listed on Schedule 1 (collectively, the "**Patents**") and inventions set forth therein (the "**Inventions**"); and

WHEREAS, Assignor desires to sell, and Cortina Systems, Inc., a Delaware corporation, having its principal place of business at 441 Logue Avenue, Suite 150, Mountain View, CA 94043 (the "**Assignee**"), desires to acquire, all of Assignor's right, title and interest in and to the Patents and Inventions pursuant to that certain Asset Purchase Agreement by and among Assignor and Assignee dated as of November 30, 2004 (the "**Purchase Agreement**");

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor does hereby sell, assign, and transfer, to the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Inventions;
- (b) the Patents;
- (c) the right to file applications for patent of the United States or other countries on the Inventions, including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty;
- (d) any provisional or other right to recover damages, including royalties, for prior infringement of any Patent; and
- (e) any patents of the United States or other countries that may be granted for or on any patent application included in the Patents or identified in clause (c) above, including continuation, divisional, continuation-in-part, any reissues and extensions of any such application.

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby covenants and agrees to and with the Assignee and its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Patents, including interference proceedings, without charge to the Assignee or its successors, legal representatives, and assigns, but at the cost and expense of the Assignee and its successors, legal representatives, and assigns.

In the event of any conflict between this Patent Assignment and the Purchase Agreement, the Purchase Agreement shall control. Nothing in this Patent Assignment shall be deemed to amend or modify in any way any of the terms and conditions of the Purchase Agreement or any rights or obligations of the parties thereto.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

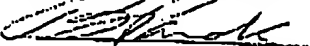
(Signature Page Follows)

IN WITNESS WHEREOF, the undersigned has caused this Patent Assignment to be executed and delivered as of the date first above written.

AZANDA NETWORK DEVICES, INC.

Name: Bidyut Pattuck

Title: President and Chief Executive Officer

Signature: 

CORTINA SYSTEMS, INC.

Name: _____

Title: _____

Signature: _____

Patent Assignment – Signature Page

IN WITNESS WHEREOF, the undersigned has caused this Patent Assignment to be executed and delivered as of the date first above written.

AZANDA NETWORK DEVICES, INC.

Name: _____

Title: _____

Signature: _____

CORTINA SYSTEMS, INC.

Name: _____

Title: _____ CEO

Signature: Amir Nayyerhabibi

Patent Assignment - Signature Page

492729 v1/HN
@k6x011.DOC

SCHEDULE I

U.S. PATENTS

Patents and Patent
Applications assigned to
Azanda

Status as of
10/6/2004
* expiration date is 20 years from earlier of filing date
or priority date plus extension time, if any.

Counsel	Docket	Inventor	Geo	Status	Filing Date	Serial#	Patent #	Text publicly available	Priority dates*	Description	Next Action
Silicon Edge Law Group LLP	AZA-001	Pamuck Ramakrishnan Zecharia Atallah Nguyen Channabasappa	USA	Docketed to examiner on 5/25/2004 (CIP of 09/539,478, which is CIP of 09/528,802)	2/7/2001	09/779,381		yes, but not published	3/20/2000 3/30/2000	Multiservice Network Processing Device	wait for Office Action
Silicon Edge Law Group LLP	AZA-002	Pamuck Ramakrishnan	USA	Ready for examination (CIP of 09/779,381)	3/30/2001	09/823,667		yes, but not published	2/7/2001	Multi-Service Segmentation and Reassembly Device	wait for Office Action
Silicon Edge Law Group LLP	AZA-003	Pamuck Ramakrishnan	USA	Processing by Tech Center complete on 9/22/2004	5/8/2001	09/851,565		yes, but not published	does not claim benefit	Multi-Service Segmentation and Reassembly Device That Maintains Only One Context Per Active Output Port	wait for Office Action

Silicon Edge Law Group LLP	AZA-003- 1D	Pamuck Ramakrishnan	USA	(DIV 09/851,565)	10/12/2001	09/976,522	no	5/8/2001	Multi- Service Segmentatio n and Reassembly Device With A Single Data Path That Handles Both Cell And Packet Traffic	wait for Office Action
Silicon Edge Law Group LLP	AZA-003- 2D	Pamuck Ramakrishnan	USA	(DIV 09/851,565)	10/12/2001	09/976,212	no	5/8/2001	Multi- Service Segmentatio n and Reassembly Device That Is Operable In An Ingres Mode or In An Egress Mode	wait for Office Action
Silicon Edge Law Group LLP	AZA-003- 3D	Pamuck Ramakrishnan	USA	(DIV 09/851,565)	10/12/2001	09/976,310	no	5/8/2001	Multi- Service Segmentatio n and Reassembly Device operable With Either A Cell- Based or A Packet- Based Switch Fabric	wait for Office Action
Silicon Edge Law Group LLP	AZA-003- 4D	Pamuck Ramakrishnan	USA	(DIV 09/851,565)	10/12/2001	09/976,499	no	5/8/2001	Using An Embedded Indication of Egress Application Type To Determine Which Type Of Egress Processing To Perform.	wait for Office Action

Silicon Edge Law Group LLP	AZA-003-5D	Pamuck Ramakrishnan	USA	(DIV 09/851,565)	10/12/2001	09/976,213	no	5/8/2001	Multi-Service Segmentation and Reassembly Device That Maintains Reduced Number of Segmentation Contexts.	wait for Office Action
Silicon Edge Law Group LLP	AZA-003-6D	Pamuck Ramakrishnan	USA	(DIV 09/851,565)	10/12/2001	09/976,504	no	5/8/2001	Multi-Service Segmentation and Reassembly Device Involving Multiple Data Path Intergrated Circuits	wait for Office Action
Silicon Edge Law Group LLP	AZA-003-7D	Pamuck Ramakrishnan	USA	(DIV 09/851,565)	10/12/2001	09/976,206	no	5/8/2001	Backpressuring Using A Serial Bus Interface And A Status Switch Cell	wait for Office Action
Silicon Edge Law Group LLP	AZA-003-1P-PROV	Zedcharla Pamuck Ramakrishnan	USA		12/18/2002	60/434,554	no	does not claim benefit	Multi-Service Segmentation And Reassembly Device	no action
Silicon Edge Law Group LLP	AZA-003-1P	Zedcharla Pamuck Ramakrishnan	USA	(CIP 09/823,667)	9/25/2003	10/670,904 Pub. No. 2094/006 2261 A1	published	12/18/2002 (60/434,554) 5/8/2001 (09/851,565)	Multi-Service Segmentation and Reassembly Device Having Integrated Scheduler and Multi-Timing Wheel Shaper	wait for Office Action

Silicon Edge Law Group LLP	AZA-004	Parrack Nguyen Ramakrishnan	USA	RCE filed on 6/1/2004	3/20/2000	09/528,802	no	does not claim benefit	Circuits for Combining ATM and Packet Data On an Optical Fiber And Methods Therefor	wait for Office Action
Silicon Edge Law Group LLP	AZA-005	Parrack Nguyen Ramakrishnan	USA	Office Action mailed 8/12/2004	3/30/2000	09/539,305	no	does not claim benefit	Devices for Employing SONET Frames for Transporting Both ATM Cells and Packets Over the Same Channel in an Optical Fiber	respond to office action
Silicon Edge Law Group LLP	AZA-006	Parrack Nguyen Ramakrishnan	USA	FINAL REJECTION MAILED 1/5/2004	3/30/2000	09/539,461	no	does not claim benefit	Routers for Switching ATM Cells In a Packet- Like Manner Using a Packet Switch	CHECK STATUS !!!!
Silicon Edge Law Group LLP	AZA-007	Parrack Nguyen Ramakrishnan	USA	issue fee paid	3/30/2000	09/539,476	yes (not yet assigned)	does not claim benefit	Processor- Based Architecture For Facilitating Integrated Data Transfer Between Both ATM and Packet Traffic with a Packet Bus or Packet Link, Including Bidirectional ATM-to- Packet Functionality	receive issued patent

Silicon Edge Law Group LLP	AZA-008	Parrack Nguyen Ramakrishnan	USA	patent issued	3/30/2000	09/539,477	6,751,224 (6/15/2004)	yes	3/30/2000 (no extension time)	Integrated ATM/Packet Segmentation and Reassembly Engine for Handling Both Packet and ATM Input Data and for Outputting Both ATM and Packet Data	pay maintenance fee
Silicon Edge Law Group LLP	AZA-008-1C	Parrack Nguyen Ramakrishnan	USA	Just filed (CON of 09/539,477 6,751,224)	6/15/2004	10/069,378		no	3/30/2000	Integrated ATM/Packet Segmentation and Reassembly Engine for Handling Both Packet and ATM Input Data and for Outputting Both ATM and Packet Data	wait for Office Action
Silicon Edge Law Group LLP	AZA-009	Bidyul Parrack	USA	patent issued	3/30/2000	09/539,478	6,751,214 (6/15/2004)	yes	does not claim benefit (no extension time)	Methods and Apparatus for Dynamically Allocating	pay maintenance fee

Silicon Edge Law Group LLP	AZA-009-1C	Parrack Nguyen Ramakrishnan	USA	just filed (CON of 09/539,477 6,751,224)	6/15/2004	10/669,379	no	3/30/2000	Bandwidth Between ATM Cells and Packets	Methods and Apparatus for Dynamically Allocating Bandwidth Between ATM Cells and Packets	wait for Office Action
Silicon Edge Law Group LLP	AZA-010	Parrack Nguyen Ramakrishnan	USA	Abandoned	3/30/2000	09/539,479	yes, for delivered	does not claim benefit	Devices for Aggregating ATM Cells and Packets in Over the Same Channel	no action	